

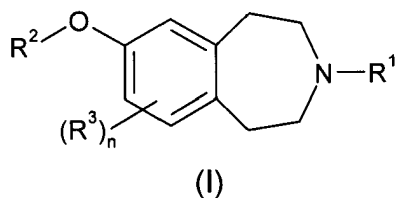
Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

What is claimed is:

1. – 9. (Canceled).

10. (Currently Amended) A compound of formula (I) or a pharmaceutically acceptable salt thereof:



wherein:

R¹ represents –C₂₋₇ alkyl or –(CH₂)_m–C₃₋₇ cycloalkyl;

R² represents –X–C₃₋₈ cycloalkyl, –X–aryl, –X–heteroaryl, –X–heterocyclyl, –X–C₃₋₈ cycloalkyl–Y–C₃₋₈ cycloalkyl, –X–C₃₋₈ cycloalkyl–Y–aryl, –X–C₃₋₈ cycloalkyl–Y–heteroaryl, –X–C₃₋₈ cycloalkyl–Y–heterocyclyl, –X–aryl–Y–C₃₋₈ cycloalkyl, –X–aryl–Y–aryl, –X–aryl–Y–heteroaryl, –X–aryl–Y–heterocyclyl, –X–heteroaryl–Y–C₃₋₈ cycloalkyl, –X–heteroaryl–Y–aryl, –X–heteroaryl–Y–heteroaryl, –X–heteroaryl–Y–heterocyclyl, –X–heterocyclyl–Z–aryl, –X–heterocyclyl–Y–C₃₋₈ cycloalkyl, –X–heterocyclyl–Y–heteroaryl or –X–heterocyclyl–W–heterocyclyl, such that R² is linked to O via a carbon atom;

W represents a bond, C₁₋₆ alkyl, CO, COC₂₋₆ alkenyl, O or SO₂;

X represents a bond or methyl C₁₋₆alkyl;

Y represents a bond, C₁₋₆ alkyl, CO, COC₂₋₆ alkenyl, O or SO₂;

Z represents a bond, CO, COC₂₋₆ alkenyl, O or SO₂;

R³ represents halogen, C₁₋₆ alkyl, C₁₋₆ alkoxy, cyano, amino or trifluoromethyl;

m represents an integer from 1-3;

n is 0, 1 or 2;

wherein said alkyl groups of R¹ may be optionally substituted by one or more substituents which may be the same or different and which are selected from the group consisting of halogen, cyano, C₁₋₆ alkyl, C₁₋₆ alkoxy, haloC₁₋₆ alkyl and haloC₁₋₆ alkoxy;

wherein said cycloalkyl, aryl, heteroaryl and heterocyclyl groups of R² may be optionally substituted by one or more substituents which may be the same or different, and which are selected from the group consisting of halogen, hydroxy, cyano, nitro, =O, trifluoromethyl, trifluoromethoxy, fluoromethoxy, difluoromethoxy, C₁₋₆ alkyl, pentafluoroethyl, C₁₋₆ alkoxy, arylC₁₋₆ alkoxy, C₁₋₆ alkylthio, C₁₋₆ alkoxyC₁₋₆ alkyl, C₃₋₇ cycloalkylC₁₋₆ alkoxy, C₁₋₆ alkanoyl, C₁₋₆ alkoxycarbonyl, C₁₋₆ alkylsulfonyl, C₁₋₆ alkylsulfinyl, C₁₋₆ alkylsulfonyloxy, C₁₋₆ alkylsulfonylC₁₋₆ alkyl, sulfonyl, arylsulfonyl, arylsulfonyloxy, arylsulfonylC₁₋₆ alkyl, aryloxy, C₁₋₆ alkylsulfonamido, C₁₋₆ alkylamino, C₁₋₆ alkylamido, -R⁴, -CO₂R⁴, -COR⁴, C₁₋₆ alkylsulfonamidoC₁₋₆ alkyl, C₁₋₆ alkylamidoC₁₋₆ alkyl, arylsulfonamido, arylcarboxamido, arylsulfonamidoC₁₋₆ alkyl, arylcarboxamidoC₁₋₆ alkyl, aroyl, aroylC₁₋₆ alkyl, arylC₁₋₆ alkanoyl, or a group -NR⁵R⁶, -C₁₋₆ alkyl-NR⁵R⁶, -C₃₋₈ cycloalkyl-NR⁵R⁶, -CONR⁵R⁶, -NR⁵COR⁶, -NR⁵SO₂R⁶, -OCONR⁵R⁶, -NR⁵CO₂R⁶, -NR⁴CONR⁵R⁶ and -SO₂NR⁵R⁶, wherein R⁴, R⁵ and R⁶ independently represent hydrogen, C₁₋₆ alkyl, -C₃₋₈ cycloalkyl, -C₁₋₆ alkyl-C₃₋₈ cycloalkyl, aryl, heterocyclyl or heteroaryl or wherein -NR⁵R⁶ may represent a nitrogen containing heterocyclyl group, wherein said R⁴, R⁵ and R⁶ groups may be optionally substituted by one or more substituents which may be the same or different, and which are selected from the group consisting of halogen, hydroxy, C₁₋₆ alkyl, C₁₋₆ alkoxy, cyano, amino, =O and trifluoromethyl;

~~or solvates thereof~~ with the proviso that a compound of formula (I) is not 3-cyclopropylmethyl-7-(1-isopropyl-piperidin-4-yloxy)-2,3,4,5-tetrahydro-1H-benzo[d]azepine.

11. (Currently Amended) A compound as defined in claim 10 which is:

1-(5-[[3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl]oxy]-2-pyrazinyl)-2-pyrrolidinone;

3-(1-methylethyl)-7-[(phenylmethyl)oxy]-2,3,4,5-tetrahydro-1*H*-3-benzazepine;
3-(2-methylpropyl)-7-[(phenylmethyl)oxy]-2,3,4,5-tetrahydro-1*H*-3-benzazepine;
3-Ethyl-7-[(phenylmethyl)oxy]-2,3,4,5-tetrahydro-1*H*-3-benzazepine;
3-(cyclopropylmethyl)-7-[(4-piperidinylmethyl)oxy]-2,3,4,5-tetrahydro-1*H*-3-benzazepine;
4-{[4-({[3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl]oxy)methyl]-1-piperidinyl}carbonyl}benzonitrile;
3-(cyclopropylmethyl)-7-[(1-[(4-fluorophenyl)carbonyl]-4-piperidinyl)methyl]oxy]-2,3,4,5-tetrahydro-1*H*-3-benzazepine;
7-({[1-(cyclopropylcarbonyl)-4-piperidinyl]methyl}oxy)-3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepine;
3-(cyclopropylmethyl)-7-({[1-(tetrahydro-2*H*-pyran-4-ylcarbonyl)-4-piperidinyl]methyl}oxy)-2,3,4,5-tetrahydro-1*H*-3-benzazepine;
1-(6-{[3-(1-methylethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl]oxy}-3-pyridinyl)-2-pyrrolidinone;
1-(6-{[3-(2-methylpropyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl]oxy}-3-pyridinyl)-2-pyrrolidinone;
1-(6-{[3-(2,2-dimethylpropyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl]oxy}-3-pyridinyl)-2-pyrrolidinone;
1-(6-{[3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl]oxy}-3-pyridinyl)-2-pyrrolidinone;
1-{6-[(3-ethyl-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl)oxy]-3-pyridinyl}-2-pyrrolidinone;
1-(6-{[3-(1-methylpropyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl]oxy}-3-pyridinyl)-2-pyrrolidinone;
1-(6-{[3-(cyclobutylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl]oxy}-3-pyridinyl)-2-pyrrolidinone;
3-(cyclopropylmethyl)-7-{{[5-(3-methyl-1,2,4-oxadiazol-5-yl)-2-pyridinyl]oxy}-2,3,4,5-tetrahydro-1*H*-3-benzazepine;

1-(4-{{3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl}oxy}phenyl)-3-methyl-2-imidazolidinone;

3-(cyclopropylmethyl)-7-[(phenylmethyl)oxy]-2,3,4,5-tetrahydro-1*H*-3-benzazepine;

7-[(3-cyclohexylpropyl)oxy]-3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepine;

3-(cyclopropylmethyl)-7-(phenyloxy)-2,3,4,5-tetrahydro-1*H*-3-benzazepine;

Ethyl 4-{{3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl}oxy}benzoate;

6-{{3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl}oxy}-*N*-methyl-3-pyridinecarboxamide;

5-{{3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl}oxy}-*N*-methyl-2-pyrazinecarboxamide;

1,1-dimethylethyl 4-{{3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl}oxy}-1-piperidinecarboxylate;

3-(cyclopropylmethyl)-7-(4-piperidinyloxy)-2,3,4,5-tetrahydro-1*H*-3-benzazepine;

4-[(4-{{3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl}oxy}-1-piperidiny]carbonyl]benzonitrile;

1-(5-{{3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl}oxy}-2-pyridinyl)-2-pyrrolidinone;

1-(5-{{3-(2-methylpropyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl}oxy}-2-pyridinyl)-2-pyrrolidinone;

1-(5-{{3-(1-methylethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl}oxy}-2-pyridinyl)-2-pyrrolidinone;

1,1-dimethylethyl 4-({3-(cyclopropylmethyl)-2,3,4,5-tetrahydro-1*H*-3-benzazepin-7-yl}oxy)methyl)-1-piperidinecarboxylate;

3-(cyclopropylmethyl)-7-[(4-iodophenyl)oxy]-2,3,4,5-tetrahydro-1*H*-3-benzazepine;

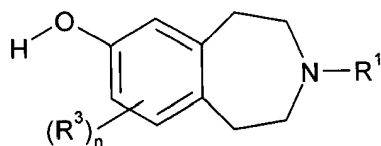
or a pharmaceutically acceptable salt or solvate thereof.

12. (Previously Presented) A pharmaceutical composition which comprises the compound of claim 10 or a pharmaceutically acceptable salt ~~or solvate~~ thereof and a pharmaceutically acceptable carrier or excipient.

13. (Currently Amended) A method of treatment of neurological diseases which comprises administering to a ~~host~~ human in need thereof an effective amount of a compound claim 10 or a pharmaceutically acceptable salt ~~or solvate~~ thereof, wherein said neurological disease is selected Alzheimer's disease, age-related memory dysfunction, and mild cognitive impairment.

14. (Currently Amended) A process for the preparation of a compound of Claim 10 formula (I) or a pharmaceutically acceptable salt ~~or solvate~~ thereof, which process comprises:

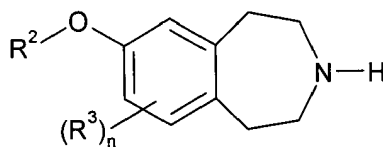
(a) reacting a compound of formula (II)



(II)

wherein R¹, R³ and n are as defined in claim 10, with a compound of formula R²-L¹, wherein R² is as defined in claim 10 for R² or a group convertible thereto and L¹ represents a suitable leaving group ~~such as a halogen atom or an optionally activated hydroxyl group~~;

(b) reacting a compound of formula (III)



(III)

wherein R^2 , R^3 and n are as defined in claim 10, with a compound of formula R^1-L^2 , wherein R^1 is as defined in claim 10 for R^1 or a group convertible thereto and L^2 represents a suitable leaving group ~~such as a halogen atom~~; or

(c) reacting a compound of formula (III) as defined above, with a ketone of formula $R^{1''}=O$, wherein $R^{1''}$ is $=C_{2-7}$ alkyl or $=(CH_2)_m-C_{3-7}$ cycloalkyl or a group convertible thereto; or

(d) deprotecting a compound of formula (I) which is protected; or

(e) interconversion from one compound of formula (I) to another.